

7969-199

4/6/2011

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Dr. Khalid H. Akkari
BASF Corporation, Agricultural Products
26 Davis Drive
P.O. Box 13528
Research Triangle Park, NC 27709

APR 06 2011

Subject: Pristine Fungicide
EPA Reg. No. 7969-199
Your letter dated July 14, 2010
EPA Decision Number: 437671

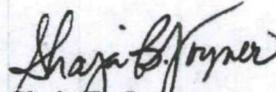
Dear Dr. Akkari:

The supplemental labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, to add indoor use on greenhouse tomato, is acceptable providing the following changes are made:

1. On page 1, change the heading "General Information" to "Product Information".
2. On page 1 in the last sentence of the last paragraph, replace the word "recommendations" with "directions" so that the sentence reads, "Refer to the specific use directions and species tolerance..."
3. On page 2 in the first paragraph under the Application Information heading, delete the word "recommendations".
4. On page 2 in the third paragraph under the Application Information heading, delete the word "recommendations" and replace it with the word "shown".
5. On page 2 under Restrictions and Limitations, add the following statement: "DO NOT expose grapes of varieties Concord, Fredonia, Niagara, Noiret (NY73.0136.17), Rougeon, Steuben, and Worden, to spray or drift containing Pristine, or injury may result. DO NOT expose Wintercreeper (*Euonymus vegetus*) and Nine Bark (*Physocarpus opulifolius*) to spray or drift containing Pristine or injury may result."

A stamped copy of the supplemental label "Accepted with Comments" is enclosed for your records. This label supersedes all other previously accepted labels. Please submit one copy of the final printed label which incorporates the required change before the product is released for shipment. If you have any questions please contact Heather Garvie by phone at: 703-308-0034 or via email at: garvie.heather@epa.gov.

Sincerely,



Shaja B. Joyner
Product Manager (20)
Fungicide Branch (7504P)
Registration Division

Enclosed: Stamped "Accepted with Comments" label
Pyraclostrobin and Boscalid Occupational and Residential Exposure Assessment; DP # 381161; dated January 27, 2011
Pyraclostrobin Analytical Chemistry and Residue Data Assessment; DP# 385366; dated February 28, 2011
Boscalid Analytical Chemistry and Residue Data Assessment; DP# 385366; dated February 28, 2011
Boscalid EFED review; DP# 385653
Acute Toxicology Review for Dermal Sensitization; DP# 386938; dated February 25, 2011
Pyraclostrobin and Boscalid Human Health Risk Assessment; DP# 387466; dated March 9, 2011

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Group 7 | 11 Fungicide

Supplemental Label



This label expires on April 10, 2014

For disease control and plant health use in greenhouse production of tomatoes

These instructions supersede the greenhouse production restriction on the Pristine® fungicide main label.

Active Ingredients:

pyraclostrobin: (carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy)methyl]phenyl]methoxy-, methyl ester)	12.8%
boscalid: 3-pyridinecarboxamide, 2-chloro-N-(4'-chloro(1,1'-biphenyl)-2-yl)-	25.2%
Other Ingredients:	62.0%
Total:	100.0%

0.128 oz (0.008 lb) of pyraclostrobin in 1 oz of Pristine
0.252 oz (0.0158 lb) of boscalid in 1 oz of Pristine

EPA Reg. No. 7969-199

Personal Protective Equipment (PPE)

A dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any N, R, P or HE filter is required when applying the product with a high pressure handwand.

Environmental Hazards

DO NOT discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and if the permitting authority has been notified in writing prior to discharge. DO NOT discharge effluent containing this product into sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of EPA.

Directions For Use

Refer to the Pristine main label, EPA Reg. No. 7969-199, for complete Directions For Use and all applicable restrictions and precautions. When following the instructions on this supplemental label,

the user must have this label and the entire Pristine container label in possession at the time of pesticide application.

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

General Information

To maximize disease control, apply Pristine in a regularly scheduled protective spray program and use in a rotation with other fungicides that are not in Group 7 and Group 11 fungicides. Because of its high specific activity, Pristine has good residual activity against target fungi.

Pristine is may be used for disease control on tomatoes grown in greenhouses to control Botrytis gray mold (*Botrytis cinerea*). Refer to the specific use recommendations and species tolerance information restrictions found in the Pristine container label and supplemental labeling.

ACCEPTED
with COMMENTS
In EPA Letter Dated
4/6/2011
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
7969-199

Application Information

Refer to the **Pristine® fungicide** container label for specific use directions, recommendations and restrictions in registered crops.

Application methods will include spot treatment, mist blowers with fans, backpack broadcast sprayers, and high pressure handwand.

Apply **Pristine** according to the rate, timing, and resistance management recommendations in **Table A. Crop-specific Use Directions** in this label.

For greenhouse production of tomato: Apply this product as a foliar spray in a minimum of 100 gal/A water volume.

Restrictions and Limitations

Follow the restrictions and limitations outlined in **Table A. Crop-specific Use Directions** in this label for:

- Minimum preharvest interval (PHI)
- Product use rate per application
- Maximum number of applications
- Maximum product rate per crop cycle

Allow at least 7 days between applications.

Pristine is not for use in transplant production systems for commercial field-grown tomatoes.

Table A. Crop-specific Use Directions

Crop	Target Disease	Product Use Rate per Application	Maximum Number of Applications per Crop Cycle	Maximum Rate per Crop Cycle	Minimum Time from Application to Harvest (PHI)
Tomato (greenhouse production only)	Botrytis gray mold (<i>Botrytis cinerea</i>)	23 oz per Acre	3	69 oz per Acre	0 days

Application Directions: For control of Botrytis gray mold, apply 23 ounces per acre of **Pristine** prior to onset of disease development when conditions favor disease development. Do not apply more than 69 ounces of **Pristine** per acre per crop cycle.

Use a minimum of 100 gal/A water volume.

Allow at least 7 days between applications.

DO NOT tank mix adjuvants or other agricultural products with **Pristine** for greenhouse use on tomatoes.

Resistance Management: To limit potential for development of resistance, **DO NOT** make more than three (3) applications of **Pristine** or other **Group 7** or **Group 11** fungicides per crop cycle.

DO NOT make more than one (1) application of **Pristine** before alternating to a labeled fungicide with a different mode of action for at least one (1) application.

Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND BASF'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

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